

References

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CALOPTILIA RUFIPENNELLA (HUEBNER) (LEP.: GRACILARIIDAE) IN THE EASTERN HIGHLANDS OF SCOTLAND. — Although it is not possible to be certain of its history of presence anywhere, it is perhaps worth continuing to document what appear to be recent increases in the range of the northern population (see Emmet, *Ent. Rec. J. Var.*, **91**: 92-96, 122-125; *ibid.*, **93**: 233; and Shaw, *ibid.*, **93**: 148-149) of *Caloptilia rufipennella*. Cones on *Acer pseudoplatanus* were seen on 24.viii.81 in the southern part of Glen Shee (VC 89, East Perthshire: NO 1461) and at Aboyne (VC 92, South Aberdeenshire: NO 5298), and on 1.viii.83 at Nethy Bridge (VC 95, Elgin: NJ 0020). Several cones were seen on each occasion, but its abundance at these sites did not approach the levels concurrently to be seen in the Lothians and in the Borders. — M. R. SHAW, Royal Scottish Museum, Chambers Street, EH1 1JF. 23.viii.1983.

CLAVIGESTA PURDEYI (DURR.), HYPSPYGYIA COSTALIS (FABR.) AND AGROTIS PUTA (HBN.) IN CUMBRIA. — A Heath portable light trap has been run in my garden at Ulverston, although somewhat sporadically, over a period of 17 years and light traps have also been operated at National Nature Reserves and other sites in the area. The above species have occurred in my garden trap for the first time in 1983 and have not been previously noted at any of the other sites worked. The Pine Leaf-mining Moth (*C. purdeyi*) was recorded on 7th. August 1983. The most northerly record mentioned in *British Tortricoid Moths*, Vol. 2 by Bradley, Tremewan and Smith, is at Formby, Lancs. The Gold Triangle (*H. costalis*) occurred as single specimens on four dates between 27th. July and 17th. August 1983. I have not seen any published records for this species in Cumbria. The Shuttle-shaped Dart (*A. puta*) was seen between 29th. July and 25th. August 1983 with a maximum of three on any night and a total of twenty specimens. The species was recorded at New Hutton in 1976 and Beetham in 1978 (see Dr. N. L. Birkett's note in *Ent. Rec.* **92**: 8). An extension of the range shown in *The Moths & Butterflies of Great Britain and Ireland*, Vol. 9, edited by J. Heath and A. M. Emmet, is apparent. — E. F. HANCOCK, 'Abbotsford', Belmont, Ulverston, Cumbria.